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Hon. Commissioner of
Patents and Trademarks

S/N 10/082,804

Atty: AJT/EO
Ref. No.: 02-329-A

Re: Applicant – McConlogue, et al.

"TRANSGENIC KNOCKOUTS OF BACE-1"

Sir:

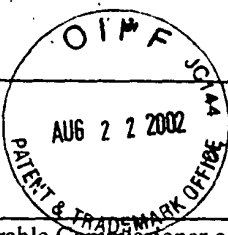
Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:

- ☒ Assignment Recordation Cover Sheet
- ☒ Assignment (2 pages)

Fee Enclosed: \$40.00

Date Mailed: August 16, 2002

Respectfully,
McDonnell Boehnen Hulbert & Berghoff
Attorney for Applicant



To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Lisa McConlogue

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other: _____

Execution Date(s): June 10, 2002

2. Name and address of receiving party(ies)

Name: ELAN PHARMACEUTICALS, INC.

Internal Address: _____

Street Address: 800 Gateway Blvd.

City: Country: Zip: South San Francisco, CA 94080

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/082,804

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Anita J. Terpstra

Company Name:

McDonnell, Boehnen, Hulbert & Berghoff

Street Address: 300 South Wacker Drive, Suite 3200

City: Chicago

State: IL

ZIP: 60606

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)\$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: 13-2490

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Anita J. Terpstra

Printed Name of Person Signing



Signature

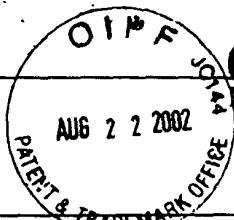
Date: August 16, 2002

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks

Box Assignments
Washington, D.C. 20231

**COPY OF PAPERS
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To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Mark E. Gurney

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date(s): July 19, 2002

2. Name and address of receiving party(ies)

Name: PHARMACIA & UPJOHN COMPANY

Internal Address: _____

Street Address: 301 Henrietta Street

City: Country: Zip: Kalamazoo, MI 49001

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/082,804

B. Patent No.(s)

COPY OF PAPERS
ORIGINALLY FILEDAdditional numbers attached? ☐ Yes ☒ No

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Name: Anita J. Terpstra

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McDonnell, Boehnen, Hulbert & Berghoff

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Anita J. Terpstra

Printed Name of Person Signing

Signature

Date: August 16, 2002

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Lisa McConlogue hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified non-provisional patent application:

Title of Invention: TRANSGENIC KNOCKOUTS OF BACE-1

Filing Date: February 22, 2002

Application No.: 10/082,804

WHEREAS, Elan Pharmaceuticals, Inc., a corporation duly organized under and pursuant to the laws of DELAWARE, and having its principal place of business at 800 Gateway Blvd., South San Francisco, CA, 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring all of Assignor's right, title, and interest in and to said invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;


NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over unto the Assignee, and Assignees' successors, legal representatives, and assigns, all of the Assignor's right, title, and interest in and to the above-mentioned invention, the right to file applications on said invention and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had its sale and assignment not been made,

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will, whenever counsel of the Assignee, or the

counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

IN TESTIMONY WHEREOF, Assignor has signed their name on the date indicated.

Dated: June 10, 2002

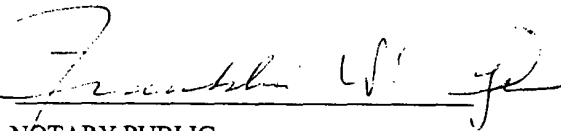


Lisa McConlogue (Assignor)

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN MATEO)

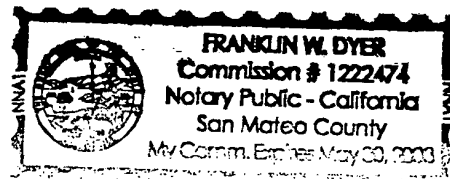
On 6/10/02, before me, FRANKLIN W. DYER personally appeared Lisa McConlogue, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



NOTARY PUBLIC

My Commission Expires: 5/30/03



ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Mark E. Gurney hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified non-provisional patent application:

Title of Invention: TRANSGENIC KNOCKOUTS OF BACE-1

Filing Date: February 22, 2002

Application No.: 10/082,804

WHEREAS, Pharmacia & Upjohn Company a corporation duly organized under and pursuant to the laws of DELAWARE, and having its principal place of business at 301 Henrietta Street, Kalamazoo, MI 49001, hereinafter referred to as "ASSIGNEE," is desirous of acquiring all of Assignor's right, title, and interest in and to said invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over unto the Assignee, and Assignees' successors, legal representatives, and assigns, all of the Assignor's right, title, and interest in and to the above-mentioned invention, the right to file applications on said invention and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had its sale and assignment not been made,

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will, whenever counsel of the Assignee, or the

counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

IN TESTIMONY WHEREOF, Assignor has signed their name on the date indicated.

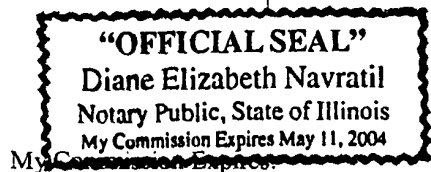
Dated: 19 July 2002

Mark E. Gurney
Mark E. Gurney (Assignor)

EXECUTED AND NOTARIZED)
AT) ss.
)

On July 19, 2002, before me, MARK E. GURNEY, personally appeared Mark E. Gurney, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Diane Elizabeth Navratil
NOTARY PUBLIC

My Commission Expires 5/11/04

EVIDENCE AND CERTIFICATION OF CHAIN OF TITLE

- ☐ Recorded in PTO
- ☒ Recorded herewith.

JOINT ASSIGNEE CERTIFICATION

In accordance with 37 C.F.R. § 3.73 the joint assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of joint assignee's knowledge and belief, title is in the joint assignee seeking to take this action.

Elan Pharmaceuticals, Inc., a Delaware Corp.
800 Gateway Blvd.
South San Francisco, CA 94080

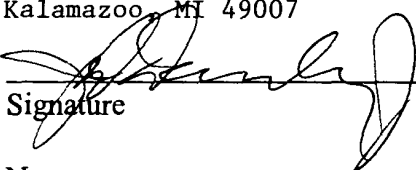
Date: _____

Signature

Name: _____
Title: _____

Pharmacia & Upjohn Company, a Delaware Corp.
301 Henrietta Street
Kalamazoo, MI 49007

Date: 7 August 2002



Signature

Name: James D. Darnley, Jr.
Title: Associate General Counsel & Senior
Director, Global Intellectual Property

EVIDENCE AND CERTIFICATION OF CHAIN OF TITLE

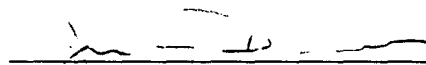
- ☐ Recorded in PTO
- ☒ Recorded herewith.

JOINT ASSIGNEE CERTIFICATION

In accordance with 37 C.F.R. § 3.73 the joint assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of joint assignee's knowledge and belief, title is in the joint assignee seeking to take this action.

Elan Pharmaceuticals, Inc., a Delaware Corp.
800 Gateway Blvd.
South San Francisco, CA 94080

Date: June 12, 2002


Signature

Name: Jean M. Duvall

Title: Vice President, Intellectual Property

Pharmacia and Upjohn Corp., a Delaware Corp.
301 Henrietta Street, Kalamazoo, MI 49001

Date: _____

Signature

Name: _____

Title: _____